

(Document) Drawings

Figure 1

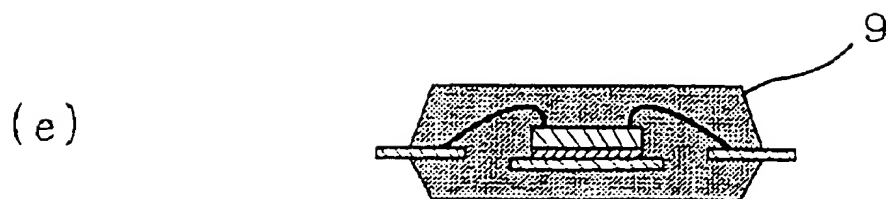
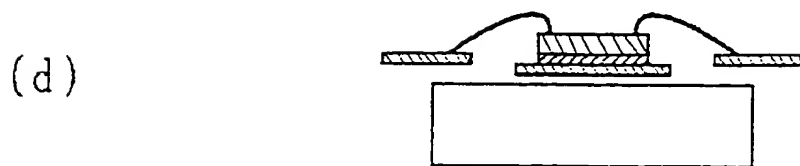
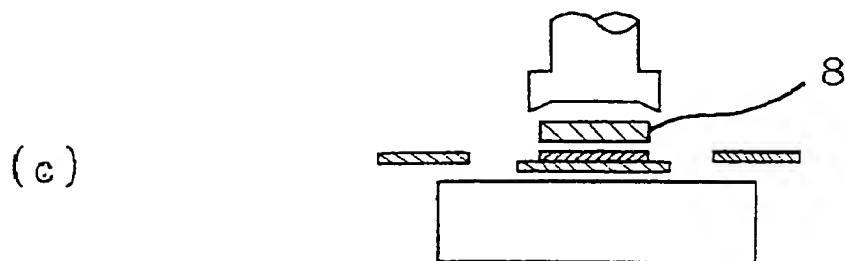
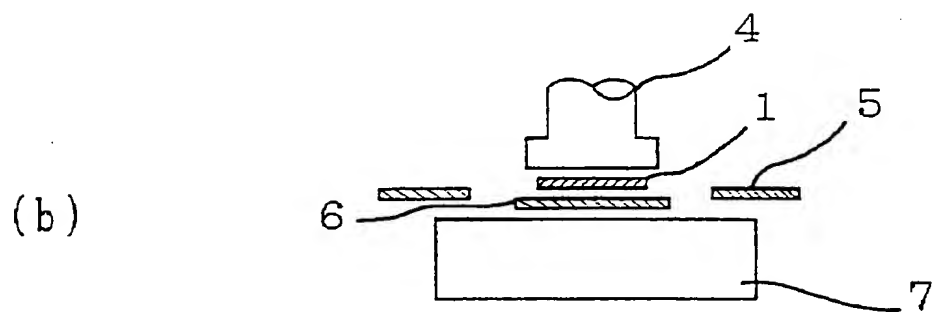
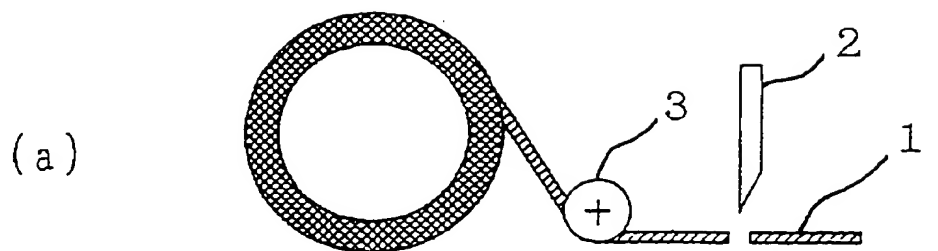


Figure 2

$$\gamma_S = \gamma_S^P + \gamma_S^d$$

$$36.4(1 + \cos \theta^H) = (21.8 \gamma_S^d)^{1/2} + (51.0 \gamma_S^P)^{1/2}$$

$$25.4(1 + \cos \theta^I) = (48.5 \gamma_S^d)^{1/2} + (2.3 \gamma_S^P)^{1/2}$$

γ_S ; surface energy

γ_S^P ; Polar component of the surface energy

γ_S^d ; Disperse component of the surface energy

θ^H ; contact angle of water
; with respect to solid surface

θ^I ; Contact angle of diiodomethane with
respect to the solid surface

Figure 3

